it might become a part of ordinary education:—

"The public buildings of a people say,
How unrefined, how far advanced were they;
And on the temple's architectural page,
We read the mind, the manners of the age."

The book before us contains much information, and, moreover, is calculated to induce a further and more precise study of the subject; as such we recommend it to our non-professional readers.

The London Art-Union Prize Annual of 1845. R. A. Sprigg, Great Russell-street.

This work, to which we referred briefly a fortnight ago, contains 250 engraved sketches by Mr. Henry Melville of pictures and sculpture purchased by the London Art-Union, and cannot fail to be acceptable to a large number of persons. Apart from the interest of the volume in the eyes of subscribers to the association, who will find it if continued, the most comprehensive catalogue of the works annually purchased by the Art-Union, it presents a collection of interesting and useful memoranda to artists and others studying composition, and is moreover, a pretty drawing-room book. It would be easy to find fault with the execution of some of the engravings, but we are contented, in consideration of the boldness of the attempt and its general value, to overlook minor defects. A large sale alone can remunerate the proprietor, and this we cordially hope it may have.

Tender.

For rebuilding the Prison at the back of Clerkenwell church, delivered to the magistrates of Middlesex on the 12th instant, according to the plans of their Architect, Mr. Moseley. The lowest was that of Mr. Grimsdell which was accepted.

Mr. Trego	£38,051
Messrs. J. and W. Bennet	36,365
Messrs. Hayward & Nixon	36,170
Messrs. Lock and Nesham	35,970
Messrs. Piper	34,995
Mr. Winsland	34,766
Messrs. Baker and Son	33,600
Messrs. Lee	31,860
Mr. Grimsdell	28,684

NOTICES OF CONTRACTS.

[We are compelled by the interference of the Stamp Office to omit the names of the parties to whom tenders, &c., are to be addressed. For the convenience of our readers, however, they are entered in a book, and may be seen on application at the office of "The Builder," 2, York-street, Covent-garden.]

For the execution of Works on the Leeds and Thirsk Railway.

For the execution of several lengths of Earthwork on the Aberdeen Railway. There are 5 separate Contracts, varying in lengths from 3¼ miles to 4¾ miles.

For the supply of 70,000 Larch, Oak, or Fir Sleepers, and Fencing for 50¼ miles, or any part thereof, for the Ipswich and Bury St. Edmund's Railway Company.

For the erection of a Wesleyan Proprietary College at Taunton.

For the execution of the works on the Nottingham and Lincoln Railway, in two parts; 1 from Nottingham to Newark, being a distance of 17¼ miles. 2 from Newark to Lincoln, being a distance of 15¾ miles.

For the taking down the present parochial school-house at Bethnal-green, and erecting a new one on the same site.

For Lighting a portion of St. John's district, Notting-hill, with Gas.

For Paving and Relaying the Footways and Paving or Macadamizing and Relaying the Carriage-way in Somers-town, St. Pancras, for the term of three years.

For the supply of 500 Tons of dark-coloured hard Guernsey Granite to the Guardians of the Brentford Union.

For supplying the Aberdeen Railway Company with Scotch Fir Sleepers.

For supplying the Dundee and Perth Railway Company with 50,000 Scotch Fir Sleepers.

For supplying the York and North Midland Railway Company with 2,000 Tons of Chairs.

For executing that portion of the Dundee and Perth Railway, commencing at Dundee and ending at Kingoodie, being about five miles 360 yards in length.

For supplying her Majesty's several Dockyards with Cast-iron Articles for twelve months certain.

For the erection of a Malting at Bury St. Edmunds.

For the supply of 100 Wrought-iron Bedsteads to the Portsea Island Union.

For supplying 300 Sets of Wheels, Axles, and Guard Irons to the Great Southern and Western Railway (Ireland).

For the supply of 4,400 Tons of Rails and for about 900 Tons of Cast-iron Chairs for the Dundee and Perth Railway.

For taking up and relaying the Carriage-way Pavement of a part of Maze-pond.

For taking up a certain portion of the present Carriage-way Pavement of Maze-pond and Great Maze-pond, and relaying the same with Wood Paving, to consist of Dantzic or Memel Timber.

For making a Cylindrical Sewer in the Town of Cambridge. The length will be about 48 yards, and the average depth about 12 feet.

For the execution of the whole works of the first ten miles of the Howick branch of the Edinburgh and Howick Railway.

For Raising Mud in the Ship-basin of the Regent's Canal Company, for a term of three years.

For the execution of that portion of the Cumnock Branch of the Glasgow, Paisley, Kilmarnock, and Ayr Railway, situate between Loch Brown and Auchinleck, being about 7 miles in length.

COMPETITIONS.

The Committee for the establishment of Public Parks, Walks, &c., at Manchester, offer two prizes, one of 50 guineas and the other of 25 guineas, for the best and second best set of Plans (with estimates), for the laying out, &c., of the sites already purchased by them.

The Board of Guardians of the Bridlington Union offer a premium of 10*l.* for a Plan and Specification of a Workhouse, the expense of which is not to exceed 2,000*l.*, and to accommodate 150 inmates.

APPROACHING SALES OF WOOD, &c.

BY TENDER.

In the Plantations of the Duke of Montrose, situate in the Parishes of Drymen and Buchanan, Stirlingshire: many Thousands of Larch Trees of some size, adapted for Railway Sleepers, Roofing and Joisting, and other purposes.

A Quantity of Old Wrought and Cast Iron, in store, at the Royal Arsenal at Woolwich.

TO CORRESPONDENTS.

"A Constant Subscriber."—*In reply to our correspondent's inquiry, Mr. Jopling says: "It is now more than twenty years since I invented the Septenary system. For many years I used every effort to shew the necessity of a complete illustration. Absence from town for several years retarded those efforts which I now revive with an increased and increasing conviction of the desirableness of the object, your columns contributing greatly to the impression that I am right. If taken up as extensively as it would be useful, it might be published at a small cost to each purchaser.*

"A Constant Subscriber."—*We believe Weale's work is the best. Five-feet rods are generally used.*

"Level of St. Paul's."—*In reply to "Juvenis," the floor of the cathedral is 52 ft. 8 in. above high-water mark.*

"X. Y. Z."—*The awards can be seen at 3, Trafalgar-square. We are making arrangements to publish them regularly.*

"Timber."—*A correspondent inquires if there be any published tables to afford the following information for retailers of boards and sawn-timber. The cost of balk-timber being given:—What is the value of boards of various thickness, including price of balk and cost of sawing, and also of various scantlings?*

"J. C." *reached us too late for insertion. We shall be glad to receive the decision of the Court.*

"A. A." *and* "E. B. L." *next week.*

"R. S. F."—*The only work on Elizabethan furniture, designs, is Mr. Bridgens'. The price, 2l. 12s. 6d. The next, on furniture generally, by Mr. Henry Shaw, price, 2l. 16s. There are several plates of furniture in Mr. Richardson's books, which can be had of M'Lean, at 2s. 6d. each. The best examples for chairs are given in "The Builder." The printseller alluded to is Evans, at the corner of Queen-street. R. S. F. had better commission some person in London to select examples for him.*

"G. S."—*We have endeavoured, without success, to obtain information as to the "glass tiles." We will try again.*

"J. S., Jun."—*The letter contains no fresh fact requiring publication.*

Received:—"B. B.;" "J. Dredge;" "G. R.;" "A Learner;" "J. B."

To Correspondents.—All letters must be post-paid, or they will not reach us.

ADVERTISEMENTS.

TO ARCHITECTS AND BUILDERS.

DOOR SPRINGS AND HINGES.—GERISH'S PATENT DOOR SPRINGS, for CLOSING every description of DOOR, consists of Single and DOUBLE-ACTION BUTT HINGES in Brass and Iron for Doors to open one or both ways, and Rising Hinges for the convenience of Doors opening on uneven Floors: Likewise Swing Centres, which consist of a combination of power unequalled by any made at present. Manufactured by F. W. Gerish, East-road, City-road; and sold by all respectable Ironmongers in the United Kingdom.

PATENT METALLIC SAND CEMENT, requiring no Colour or Paint, and free from Cracks and Blisters. Mixed ready for use at 4s. 6d. per cask, 2s. 6d. allowed for each cask returned in good order. 2½ bushels common sand to be added to each cask of Metallic Cement, which will float fourteen square yards Stucco. Apply at the Metallic-Cement Wharf, King's-road, Camden New Town (opposite Pratt-street), London.

TO ENGINEERS, ARCHITECTS, AND CONTRACTORS.

GREAVES'S LIAS CEMENT and GROUND BLUE LIAS LIME, at 2, South-Wharf, Paddington, London, and Works, Southam, Warwickshire. Agent for Liverpool, Mr. WYLIE, 56, Gloster-street; ditto for Manchester, Mr. J. THOMPSON, Back King-street; ditto for Chester, Mr. J. HARRISON, Linen Hall-street.

ATKINSON'S CEMENT.—The public is respectfully informed, that the price of this very excellent Cement, which has now been in use for Architecture and Engineering works upwards of thirty years, is reduced to 2s. 3d. per bushel, and may be had in any quantity at Wyatt, Parker, and Co.'s Wharf, Holland-street, Surrey side of Blackfriars-bridge.

N.B.—This Cement being of a light colour, requires no artificial colouring or painting, and may be used for stucco with three parts its own quantity of sand.

KEENE'S PATENT MARBLE CEMENT.—The Patentees of this composition beg to refer to the British Museum, the Royal Exchange, the new works at Bethlem Hospital, Greenwich Hospital, and the Coliseum in the Regent's-park, as buildings finished or in progress, in which Keene's Cement has been used as an internal stucco. Its superiority to common plastering consists in its extreme hardness, and the rapidity with which it dries, which qualities fit it to receive paint or other finishing sooner than other water Cement.

When employed for skirtings, architrave, and other mouldings, in place of wood, it checks dry-rot, is impervious to vermin, prevents the spread of fire, and is more economical in its application than the material for which it thus becomes the substitute.

Confirmation of these statements is to be found in the almost universal adoption of Keene's Cement for Skirting and Hall flooring in the new houses on the Hyde Park Estate, where its application is to be seen to the fullest advantage.

In Liverpool and Manchester, Keene's Cement has in several cases been used for the covering of the fire-proof warehouse floors, where its lightness and hardness give it the preference over tiles and flagging, which are much heavier, and necessarily leave the floor intersected with numerous joints, whilst Keene's Cement is laid down in one unbroken surface.

The high polish and marble-like hardness of which this Cement is susceptible render it the most suitable material for the manufacture of Scagliola.

Patentees, J. B. WHITE & SONS, Millbank-street, Westminster, Manufacturers of Roman and Portland Cement.

Depôt in Liverpool, 36, Seel-street; James Woods, Agent.

TO ARCHITECTS, ENGINEERS, CONTRACTORS, BUILDERS, MASONS, AND PLASTERERS, MERCHANTS, SHIPPERS, AND THE PUBLIC IN GENERAL.

JOHNS and CO.'S PATENT STUCCO CEMENT.—The following are the positive advantages possessed by this Invention over every Cement hitherto introduced:—It will effectually resist Damp. It will never vegetate nor turn green, nor otherwise discolour. It will never crack, blister, nor peel off. It will form a complete Stone casing to any Building covered with it. It so closely resembles Stone that it is impossible to detect it. It never requires either to be painted or coloured. It will keep fresh and good in the cask in any Climate for any number of years. It is the only Cement that can be depended upon for exportation. It is the only Cement that can be used with confidence by the Sea-side. It may be used in the hottest or coldest Climates at any season. It will adhere to any substance, even to Wood, Iron, or Glass. It will carry a larger Proportion of Sand than any other Cement. It matures by age, and becomes perfect when other Cements begin to perish. It may be worked through the Winter, as frost has no effect upon it. It may be used on the Inner Walls of new Houses, which may be papered over or painted directly. Roofs laid or pointed with this Cement will remain undamaged by the severest Storms. Any Plasterer may apply it, the Instructions for use being very clear and distinct. The first cost of this material does not exceed that of the cheapest Cement now in use; but with all the above-named extraordinary and valuable advantages, nothing can approach it in point of economy.

Architects and Builders who have used this Cement have declared that it requires only to be known, to be universally preferred.

Specimens may be seen, and a Prospectus fully describing the Cement and its mode of application, together with a volume of Testimonials from every part of the Kingdom, may be obtained on application to MANN and CO., SOLE AGENTS for the Patentees, 6, Maiden-lane, Queen-street, Cheapside, London: of whom also may be had,

JOHNS and CO.'S PATENT STONE-COLOUR STUCCO PAINT, expressly intended for Painting over exterior Walls of Houses that have been covered with Roman or other Cements, and which have become dirty and discoloured. It is in every way better suited for this purpose than White Lead Paint, which will frequently come off in flakes, being in direct chemical opposition with Cement; whereas MESSRS. JOHNS and CO.'S PATENT PAINT having an affinity for Stucco, binds itself with it, stopping the action, thereby rendering the wall proof against weather, and in the finish producing a pure stone-like effect, procurable by no other Paint whatever. It is cheap in its application,—and may be used by any Painter, in any climate, even in the most exposed Marine situations.

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